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Substitute for Form 1449A/PTO				Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	09/820,963
				Filing Date	03/30/2001
				First Named Inventor	Alexander Flalg, et al.
				Group Art Unit	2637
				Examiner Name	Ghayoun, Mohammad H. Young Tse
Sheet	1	of	2	Attorney Docket No.	TT-34298

U.S. PATENT DOCUMENTS						
Exam. Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
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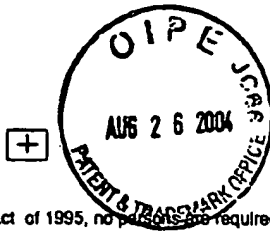
FOREIGN PATENT DOCUMENTS								
Exam. Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd- yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)				
27	BA		EP 0 952 682 A2		Texas Instruments Incorporated	27/10/1999		
	BB							
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	BH							
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	09/820,863
				Filing Date	03/30/2001
				First Named Inventor	Alexander Falg, et al.
				Group Art Unit	2631
				Examiner Name	Ghayour, Mohammad H.
Sheet	2	of	2	Attorney Docket No.	TI-34298

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Exam. Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
7	CA	"Multi-stage Interference Canceller Systems with Accurate Radio Channel Estimation Under Fading Environment", Kawakami, et al., 1997 IEEE 6 <sup>th</sup> International Conference on Universal Personal Communications Record, San Diego, 12-16, October 1997, IEEE International Conference on Universal Personal Communications, New York, IEEE, US, Vol. 2, Conf. 6, 12/10/1997, pp. 475-479, XP010248754, ISBN: 0-7803-3777-8	
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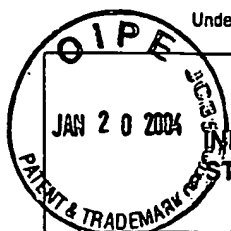
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete If Known

Application Number	09/820,963
Filing Date	03/30/2001
First Named Inventor	Alexander Flalg, et al.
Group ARI Unit	2031-2637
Examiner Name	Gheyour, Mohammed H. Yang Ts
Attorney Docket No.	TI-34298

Sheet	1	of	2
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## U.S. PATENT DOCUMENTS

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		Number	Kind Code <sup>2</sup> (if known)			
7	AA	6,088,383		Suzuki, et al.	07/11/2000	
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## FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)				
7	BA		EP 0 776 105 A1		Nippon Telegraph & Telephone Mobile Communication Network Inc.	28/05/1997		
7	BB		EP 0 849 886 A		Fujitsu Ltd.	24/06/1998		
21	BC		WO 99 09674 A		Rupert Herzog; Qualcomm Israel Ltd.	25/02/1999		
	BD							
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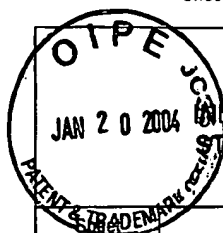


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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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## Complete If Known

Application Number	09/820,963
Filing Date	03/30/2001
First Named Inventor	Alexander Flalg, et al.
Group Art Unit	2631
Examiner Name	Ghayour, Mohammad H.
Attorney Docket No.	TI-34298

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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				Application Number	09/820,963
				Filing Date	March 30, 2001
				First Named Inventor	Alexander FLAIG Et al.
				Group Art Unit	Unassigned <i>2637</i>
				Examiner Name	<del>Unassigned</del> <i>Young Tse</i>
Sheet	1	of	2	Attorney Docket Number	EVOY001/00US

[illegible][illegible]

Examiner Signature	<i>Young</i>	Date Considered	6/23/05
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				Application Number	09/820,963
				Filing Date	March 30, 2001
				First Named Inventor	Alexander FLAIG et al.
				Group Art Unit	2637
Examiner Name	Young Tee				
Sheet	2	of	2	Attorney Docket Number	EV0Y001/0005

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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7		JOACHIM HAGENAUER et al., "A Viterbi Algorithm with Soft-Decision Outputs and its Applications", IEEE CH2682-3/89/0000-1680, pp. 1680-1686	
		MAHESH K. VARANASI et al., "Multistage Detection in Asynchronous Code-Division Multiple-Access Communications", IEEE Transactions on Communications, Vol. 38, No. 4, April 1990, pp. 509-519	
		M. BENTHIN, et al., "Viterbi Decoding of Convolutional Codes with Reliability Information for a Noncoherent RAKE-Receiver in a CDMA-Environment", GLOBECOM '94 Conference, San Francisco, Nov 27 - Dec 1, 1994, pp. 1-5	
		YOUNG C. YOON et al., "A Spread-Spectrum Multi-Access System with a Cascade of Co-Channel Interference Cancellers for Multipath Fading Channels", IEEE Second International Symposium on Spread Spectrum Technologies and Applications (ISSSTA '92) Yokohama, Japan, November 29-December 2, 1992, pp. 87-90	
		CHRISTOPHER J. HEGARTY et al., "Noncoherent Multiuser Detection of M-Ary Orthogonal Signals Using a Decorrelator", IEEE 1996 0-7803-3682-8/96, pp. 903-907	
		PULIN PATEL et al., "Performance Comparison of a DS/CDMA System Using a Successive Interference Cancellation (IC) Scheme and a Parallel IC Scheme under Fading", IEEE 1994 0-7803-1825-0/94, pp. 510-514	
		MAHESH K. VARANASI et al., "Noncoherent Decorrelative Detection for Nonorthogonal Multipulse Modulation over the Multiuser Gaussian Channel", IEEE Transactions on Communications, Vol. 46, No. 12, December 1998, pp. 1675-1684	
		PETER SCHRAMM et al., "Coherent Demodulation for IS-95 Uplink", IEEE 1996 0-7803-3567-8/96, pp. 1073-1077	
		XIAODONG WANG et al., "Iterative (Turbo) Soft Interference Cancellation and Decoding for Coded CDMA", IEEE Transactions on Communications, Vol. 47, No. 7, July 1999, pp. 1046-1061	
7		ANDREW J. VITERBI, "Very Low Rate Convolutional Codes for Maximum Theoretical Performance of Spread-Spectrum Multiple-Access Channels", IEEE Journal on Selected Areas in Communications, Vol. 8, No. 4, May 1990, pp. 641-649	
7		SUNG-JIN KANG et al., "Coherent Detection for DS/CDMA System with MARY Orthogonal Modulation in Multipath Fading Channels", IEEE Transactions on Communications, Vol. E82-B, No. 7, July 1999, pp. 1084-1087	

Examiner Signature	<i>Young Tee</i>	Date Considered	6/23/05
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